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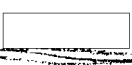


TECHNICAL COMMUNICATIONS

ACCESSION NO. 67




4 October 1950

TO : Chief, MECA

SUBJECT: Operational Base Frequencies, 

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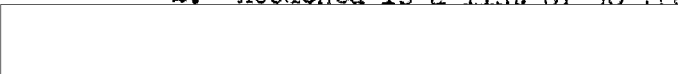
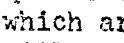

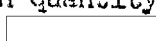
REF : CD-6; D. O. No. 50-257

1. All activities on  possession, are subject to the control of appropriate  Agencies. The use of radio frequencies is no exception and  must submit to certain regulations.

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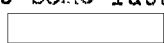
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2. Attached is a list of 50 frequencies obtained from the  which are authorized for future  All operational frequencies employed at  for Signal Plan operation must come only from this list. In the event that these frequencies should later prove to be inadequate in quantity or quality, revision of the authorization may be requested of 

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3. On the assumption that  may at some future date be called upon to serve as Base Station for more than  circuits, each of which requires the allocation of 10 or more Base Station frequencies, the need for regulatory use of the 50 available frequencies is apparent. Repetitious use is also obvious. The construction of future Signal Plans, therefore, should be guided by the following:

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A. No single Base frequency may be employed more than 10 times each day.

B. No single Base frequency may be employed on any one day, at the same time, for two or more separate Signal Plans.

4. In order that there be insurance against violation of the above regulations, some form of charting of the allocations of these  Base frequencies is required. There are several methods which may be employed to accomplish this objective, none of which has been selected as a standard. In all probability, no standard will be selected in the immediate future owing to the wide variance of Signal Plan types in use throughout the overseas areas. Actual design and operation of the necessary charting procedures, therefore, is left to the judgement of the respective Operations Officers. So long as the devised procedures indicate the time period of each day that a particular frequency is to be

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used, and are easily understood and workable by Base Station supervisory personnel, any method should prove to be acceptable.

25X1 5. Where it is at all feasible those Signal Plans, based on [] which are already in existence must be modified so that all Base frequencies employed are listed on the attachment. In some instances, it may be impossible to effect such modification. In those isolated cases, corrections should be prepared and transmitted to the particular Field station as one of the very first messages after activation of that Field station.

6. Your order for crystal-grinding equipment will remain in process because crystals will need to be prepared for Field station frequencies, which frequencies are not subject to the above limitations. Field frequencies should be charted, however, in a manner similar to that used in charting Base frequencies for the sake of Base Station administrative efficiency.

25X1 7. [] will be fully cognizant of all details of the Base station frequency allocation limitations as applicable to [] and will be familiar with several methods of implementing the necessary charting procedures in the event that these procedures have not been installed prior to his return. You are invited to forward any questions which might arise regarding the operational use of the attached list of frequencies.

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